Registration No. 333-209833

UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

Amendment No. 1 to FORM S-3

REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933

ReWalk Robotics Ltd.

(Exact name of registrant as specified in its charter)

State of Israel (State or Other Jurisdiction of Incorporation or Organization) 3842 (Primary Standard Industrial Classification Code Number) 3 Hatnufa St., Floor 6 Yokneam Ilit 2069203, Israel +972 (4) 959-0123 Not Applicable (I.R.S. Employer Identification No.)

(Address, including zip code, and telephone number, including area code, of Registrant's principal executive offices)

ReWalk Robotics, Inc. 33 Locke Drive Marlborough, MA 01752 (508) 251-1154

(Name, address, including zip code, and telephone number, including area code, of agent for service)

Copies of all communications, including communications sent to agent for service, should be sent to:

Colin J. Diamond, Esq. White & Case LLP 1155 Avenue of the Americas New York, NY 10036 Tel: (212) 819-8200 Aaron M. Lampert, Adv. Goldfarb Seligman & Co. 98 Yigal Alon Street Tel Aviv 6789141, Israel Tel: +972 (3) 608-9999

Approximate date of commencement of proposed sale to the public:

From time to time after this Registration Statement becomes effective as determined by market conditions.

If the only securities being registered on this Form are being offered pursuant to dividend or interest reinvestment plans, please check the following box.

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, other than securities offered only in connection with dividend or interest reinvestment plans, check the following box.

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. \Box

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. \Box

If this Form is a registration statement pursuant to General Instruction I.D. or a post-effective amendment thereto that shall become effective upon filing with the Commission pursuant to Rule 462(e) under the Securities Act, check the following box. \Box

If this Form is a post-effective amendment to a registration statement filed pursuant to General Instruction I.D. filed to register additional securities or additional classes of securities pursuant to Rule 413(b) under the Securities Act, check the following box. \Box

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer \square Accelerated filer \boxtimes

Non-accelerated filer \square	(Do not check if a smaller reporting company).	Smaller reporting company \square

CALCULATION OF REGISTRATION FEE

Title of each class of securities to be registered	Amount to be registered ⁽¹⁾	Proposed maximum offering price per unit ⁽²⁾	Proposed maximum aggregate offering price		mount of tration fee
Primary Offering:					
Ordinary Shares, par value NIS 0.01 per share ⁽¹⁾					
Warrants ⁽¹⁾					
Debt Securities ⁽¹⁾					
Subtotal			\$ 100,000,000(3) \$	10,070(3)
Secondary Offering:					
Ordinary Shares, par value NIS 0.01 per share ⁽⁴⁾	4,388,143	\$ 10.80	\$ 47,391,944.40	\$	4,772.37
Total			\$147,391,944.40	\$	1,982.22(5)

- (1) Such indeterminate number or amount of Registrant's ordinary shares, warrants and debt securities as may, from time to time, be issued at indeterminate prices. In no event will the aggregate maximum offering price of all securities issued pursuant to this Registration Statement on behalf of the Registrant exceed \$100,000,000. In addition, up to 4,388,143 ordinary shares may be sold from time to time pursuant to this Registration Statement by the selling shareholders named herein. Pursuant to Rule 416 of the Securities Act of 1933, as amended (the "Securities Act"), this Registration Statement also includes additional ordinary shares issuable upon stock splits, stock dividends or similar transactions.
- (2) Estimated solely for the purpose of calculating the registration fee in accordance with Rule 457(c) under the Securities Act, based upon the average of the high and low sales prices of the Registrant's ordinary shares on the NASDAQ Global Market on February 26, 2016.
- (3) Pursuant to Rule 457(o) under the Securities Act, which permits the registration fee to be calculated on the basis of the maximum offering price of all the securities listed, and Instruction II.D. of Form S-3, this table does not specify by each class information as to the amount to be registered, proposed maximum offering price per unit or proposed maximum aggregate offering price. The aggregate public offering price of securities sold by the Registrant will not exceed \$100,000,000 (see Note 1 above).
- (4) Represents ordinary shares registered for resale by the selling shareholders.
- (5) On October 1, 2015, the Registrant filed a shelf registration statement on Form F-3, as amended (File No. 333-207219) (the "F-3 Registration Statement"), to register securities with an aggregate maximum offering price of \$100,000,000 and up to 3,614,808 ordinary shares to be sold from time to time by the selling shareholders named therein, and paid a \$12,860.15 registration fee in connection therewith. No securities were sold under the F-3 Registration Statement. In accordance with Rule 457(p) of the Securities Act, the Registrant offsets the \$12,860.15 registration fee it previously paid in connection with the F-3 Registration Statement against the full amount of the registration fee for this registration statement on Form S-3. As a result, a registration fee of \$1,982.22 was due in connection with this Registration Statement and was previously paid in connection with the initial filing of this Form S-3 on February 29, 2016.

The Registrant hereby amends this Registration Statement on such date or dates as may be necessary to delay its effective date until the Registrant shall file a further amendment which specifically states that this Registration Statement shall thereafter become effective in accordance with Section 8(a) of the Securities Act or until the Registration Statement shall become effective on such date as the Securities and Exchange Commission, acting pursuant to said Section 8(a), may determine.

EXPLANATORY NOTE

ReWalk Robotics Ltd. (the "Registrant") is filing this Registration Statement on Form S-3 as amended by this pre-effective Amendment No. 1 (this "Registration Statement") to replace its prior shelf registration statement on Form F-3, as amended (File No. 333-207219) (the "F-3 Registration Statement"). Since the Registrant is no longer deemed to be a foreign private issuer as defined in Rule 405 of the Securities Act of 1933, as amended, upon the effectiveness of this Registration Statement, the offering under the F-3 Registration Statement will be removed from registration.

The information in this prospectus is not complete and may be changed. Neither we nor the selling shareholders may sell these securities until the registration statement filed with the Securities and Exchange Commission is effective. This prospectus is not an offer to sell these securities, and we are not soliciting an offer to buy these securities in any state where the offer or sale is not permitted.

Subject to completion, dated April 26, 2016

PROSPECTUS

\$100,000,000 of Ordinary Shares, Warrants and/or Debt Securities Offered by the Company and Up to 4,388,143 Ordinary Shares Offered by Selling Shareholders



ReWalk Robotics Ltd.

We may offer to the public from time to time in one or more series or issuances ordinary shares, warrants to purchase ordinary shares and/or debt securities consisting of debentures, notes or other evidences of indebtedness.

In addition, the selling shareholders may offer to sell up to 4,388,143 ordinary shares. We will not receive any of the proceeds from the sale of ordinary shares by the selling shareholders. We refer to the ordinary shares, warrants and debt securities collectively as "securities" in this prospectus.

Each time we or a selling shareholder sells securities pursuant to this prospectus, we will provide a supplement to this prospectus that contains specific information about the offering and the specific terms of the securities offered. You should read this prospectus and the applicable prospectus supplement carefully before you invest in our securities.

We may, from time to time, offer to sell the securities and selling shareholders may, from time to time, offer to sell the ordinary shares through public or private transactions, directly or through underwriters, agents or dealers, on or off the NASDAQ Stock Market at prevailing market prices or at privately negotiated prices. If any underwriters, agents or dealers are involved in the sale of any of these securities, the applicable prospectus supplement will set forth the names of the underwriter, agent or dealer and any applicable fees, commissions or discounts.

Our ordinary shares are traded on the NASDAQ Global Market under the symbol "RWLK."

Investing in these securities involves certain risks. Please carefully consider the "Risk Factors" in Item 1A of our most recent Annual Report on Form 10-K incorporated by reference in this prospectus and in any applicable prospectus supplement, for a discussion of the factors you should consider carefully before deciding to purchase these securities.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of the securities being offered by this prospectus, or determined if this prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

The date of this prospectus is $\,$, 2016

TABLE OF CONTENTS

	Page
About this Prospectus	1
<u>Prospectus Summary</u>	2
Risk Factors	3
Forward-Looking Statements	4
Ratio of Earnings to Fixed Charges	5
<u>Capitalization</u>	6
Price Range of Ordinary Shares	7
<u>Use of Proceeds</u>	8
Selling Shareholders	9
Description of Ordinary Shares	10
<u>Description of Warrants</u>	15
Description of Debt Securities	16
Plan of Distribution	18
Legal Matters	22
<u>Experts</u>	22
Where You Can Find More Information	22
Incorporation of Certain Documents by Reference	23
Enforceability of Civil Liabilities	24
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ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement that we filed with the Securities and Exchange Commission, or SEC, utilizing a "shelf" registration process. Under this process, we may offer and sell our securities under this prospectus and the selling shareholders referred to in this prospectus and identified in supplements to this prospectus may also offer and sell our ordinary shares under this prospectus.

Under this shelf process, we may sell the securities described in this prospectus in one or more offerings up to a total price to the public of \$100,000,000. The selling shareholders may sell up to 4,388,143 ordinary shares in one or more offerings. The offer and sale of securities under this prospectus may be made from time to time, in one or more offerings in any manner described under the section in this prospectus entitled "Plan of Distribution."

This prospectus provides you with a general description of the securities we may offer. Each time we or the selling shareholders sell securities, we will provide a prospectus supplement that will contain specific information about the terms of that offering. The prospectus supplement may also add, update or change information contained in this prospectus, and may also contain information about any material U.S. federal income tax and Israeli tax considerations relating to the securities covered by the prospectus supplement. You should read both this prospectus and any prospectus supplement together with additional information under the headings "Where You Can Find More Information" and "Incorporation of Certain Documents by Reference."

This summary may not contain all of the information that may be important to you. You should read this entire prospectus, including the financial data and related notes incorporated by reference in this prospectus, before making an investment decision. This summary contains forward-looking statements that involve risks and uncertainties. Our actual results may differ significantly from the results discussed in the forward-looking statements. Factors that might cause or contribute to such differences include those discussed in "Risk Factors" and "Forward-Looking Statements."

PROSPECTUS SUMMARY

OVERVIEW

We are an innovative medical device company that is designing, developing and commercializing exoskeletons that allow wheelchair-bound individuals with mobility impairments or other medical conditions the ability to stand and walk once again. We have developed and are continuing to commercialize ReWalk, an exoskeleton that uses our patented tilt-sensor technology, and an on-board computer and motion sensors to drive motorized legs that power movement.

CORPORATE INFORMATION

We are incorporated under the laws of the State of Israel. Our principal executive offices are located at 3 Hatnufa St., Floor 6, Yokneam Ilit 2069203, Israel, and our telephone number is +972 (4) 959-0123. Our website address is www.rewalk.com. Information contained on, or that can be accessed through, our website does not constitute a part of this prospectus and is not incorporated by reference herein. We have included our website address in this prospectus solely for informational purposes. We have irrevocably appointed ReWalk Robotics, Inc. as our agent to receive service of process in any action against us in any United States federal or state court. The address of ReWalk Robotics, Inc. is 33 Locke Drive, Marlborough, MA 01752.

RISK FACTORS

An investment in our securities involves a high degree of risk. Our business, financial condition or results of operations could be adversely affected by any of these risks. If any of these risks occur, the value our ordinary shares and our other securities may decline. You should carefully consider the risk factor provided below and the risk factors set forth under the caption "Risk Factors" in our Annual Report on Form 10-K for the year ended December 31, 2015 and in any other filing we make with the SEC subsequent to the date of this prospectus, each of which are incorporated herein by reference, and in any supplement to this prospectus, before making your investment decision.

The FDA has sent us letters suggesting a potential need for us to seek new pre-market clearance for our ReWalk Personal 6.0 and stating that it may take regulatory action for deficiencies in our mandatory post-market clinical study on the device.

On September 30, 2015, we received a warning letter (the "September 2015 Letter") from the Food and Drug Administration (the "FDA") citing deficiencies in our protocol for a post-market surveillance study of our ReWalk Personal and our failure to initiate a post-market clinical study by the September 28, 2015 deadline. Between June 2014 and our receipt of the September 2015 Letter, we submitted our post-market clinical study protocol to the FDA, amended the protocol in response to the FDA's subsequent request and proposed additional amendments to enhance the protocol after the FDA notified us that our subsequently-amended protocol was still deficient. While we responded to the FDA's requests throughout this period, we did not submit all of our responses on a timely basis. The September 2015 Letter warned that the FDA could take regulatory action against us for violations of Section 522 of the Federal Food, Drug and Cosmetic Act ("Section 522") based on the late post-market study and allegedly deficient protocol for that study. In February 2016, the FDA sent us an additional information request (the "February 2016 Letter") requesting additional changes to our clinical study protocol and asking that we comply within 30 days. In the February 2016 Letter, the FDA also expressed its belief that we should submit a new pre-market notification for our ReWalk device stemming from the FDA's review of what it considered to be changes to our device's manual and labeling.

We held several discussions with the FDA, including an in-person meeting in March 2016, which led the FDA to narrow its request for a new premarket notification to an abbreviated, special application (the "special 510(k)") relating only to a computer included with the ReWalk device and carrying a 30-day review period rather than the standard 90-day review period for pre-market applications. In late March 2016, the FDA confirmed that, based on these resolutions, we could continue to market our ReWalk device as long as we submit the special 510(k) and initiate the post-market study by June 1, 2016. Based on our agreed-upon timeline with the FDA, we submitted the special 510(k) on April 8, 2016, and we expect to initiate our post-market surveillance study by the end of May 2016. The FDA also confirmed that, based on the public health significance of the ReWalk device, it did not view regulatory action against us for the late start in or deficient protocol for the post-market study as a priority for the agency, and that it expected to reassess the issues surrounding the pre-market notification and post-market study in June 2016. We have met all deadlines for submission of responses, communicated regularly with the FDA and agreed upon a protocol for the post-market surveillance study with the FDA after receipt of each of the September 2015 Letter and the February 2016 Letter.

We expect we will be able to adhere fully to the FDA's timeline and to respond promptly to the FDA's requests based on significant additions in staffing aimed at addressing a need for greater internal clinical and regulatory resources. However, if we are unable to satisfy this timing or if the results of our post-market clinical study are not as favorable as we expect, the FDA may issue additional warning letters to us, may impose limitations on the labelling of our device or may limit us to marketing a previous version of the ReWalk device in the United States. We derived 65% of our revenues in 2015 from sales of the ReWalk device in the United States and, if we are required to market a previous version of the ReWalk device in the United States, we expect that a portion of these sales would be adversely impacted, which could materially adversely affect our business and overall results of operations.

FORWARD-LOOKING STATEMENTS

This prospectus and the documents incorporated in it by reference contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended (the "Securities Act"), Section 21E of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), and the safe harbor provisions of the U.S. Private Securities Litigation Reform Act of 1995, that are based on our management's beliefs and assumptions and on information currently available to our management. Forward-looking statements include information concerning our possible or assumed future results of operations, business strategies, financing plans, competitive position, industry environment, potential growth opportunities, potential market opportunities and the effects of competition. Forward-looking statements include all statements that are not historical facts and can be identified by terms such as "anticipates," "believes," "could," "seeks," "estimates," "expects," "intends," "may," "plans," "potential," "predicts," "projects," "should," "will," "would" or similar expressions that convey uncertainty of future events or outcomes and the negatives of those terms.

Our ability to predict the results of our operations or the effects of various events on our operating results is inherently uncertain. Therefore, we caution you to consider carefully the matters described under the caption "Risk Factors" and certain other matters discussed in this prospectus, the documents incorporated by reference in this prospectus, and other publicly available sources. Such factors and many other factors beyond the control of our management could cause our actual results, performance or achievements to be materially different from any future results, performance or achievements that may be expressed or implied by the forward-looking statements. All of the forward-looking statements included in this prospectus are based on information available to us as of the date of this prospectus. Unless we are required to do so under U.S. federal securities laws or other applicable laws, we do not intend to update or revise any forward-looking statements.

RATIO OF EARNINGS TO FIXED CHARGES

The following table sets forth our ratio of earnings to fixed charges for the periods indicated. The ratio of earnings to fixed charges is computed by dividing fixed charges into earnings before income taxes plus fixed charges. Fixed charges consist of interest expense (including financial expenses related to the issuance and revaluation of warrants to purchase convertible preferred shares and financial expenses related to convertible loans) and that portion of rental expense deemed representative of interest. Our earnings have been inadequate to cover fixed charges. The following table sets forth the dollar amount of the deficiency to cover fixed charges for each of the years ended December 31, 2012, 2013, 2014 and 2015. We have derived the deficiency of earnings to cover fixed charges from our historical financial statements. The following should be read in conjunction with our financial statements, including the notes thereto, and the other financial information included or incorporated by reference herein.

		As of December 31,				
	·	2012		2013	2014	2015
Deficiency of earnings available to cover fixed charges ^(a)	\$	(6,637)	\$	(12,155)	\$ (21,623)	\$ (25,362)

⁽a) See Exhibit 12.1 of the Registration Statement on Form S-3, of which this prospectus is a part.

As of the date of this prospectus, we have no preferred shares outstanding and have not declared or paid any dividends on preferred shares for the periods set forth above.

CAPITALIZATION

The table below sets forth our total capitalization as of December 31, 2015 on an actual basis:

	As of December 31, 2015 (in thousands)
Shareholders' equity:	
Share capital – ordinary shares of NIS 0.01 par value per share 250,000,000 shares authorized; 12,222,583 shares issued and	
outstanding	33
Additional paid-in capital	94,876
Accumulated deficit	(73,989)
Total shareholders' equity	20,920
Total capitalization	\$ 20,920

PRICE RANGE OF ORDINARY SHARES

Our ordinary shares began trading publicly on the NASDAQ Global Market on September 12, 2014. The following table sets forth, for the periods indicated, the high and low sales prices of our ordinary shares as reported by the NASDAQ Global Market.

Period		High	Low
Year ending December 31, 2016			
First quarter (through February 26, 2016)	\$	15.81	\$ 7.91
Year ended December 31, 2015			
Fourth quarter	\$	17.40	\$ 5.55
Third quarter	\$	11.90	\$ 7.20
Second quarter	\$	14.65	\$ 10.35
First quarter	\$	22.74	\$ 12.03
Year ended December 31, 2014			
Fourth quarter	\$	34.29	\$ 18.01
Third quarter (beginning on September 12, 2014)	\$	43.71	\$ 11.50

The closing sale price of our ordinary shares as reported by the NASDAQ Global Market on February 26, 2016 was \$10.45 per ordinary share.

USE OF PROCEEDS

Unless we state otherwise in a prospectus supplement, we will use the net proceeds for the sale of securities we offer pursuant to this prospectus for general corporate purposes.

We will not receive any proceeds from the sales of shares by the selling shareholders.

SELLING SHAREHOLDERS

This prospectus relates to the offering by selling shareholders of up to 4,388,143 ordinary shares. The ordinary shares being sold by the selling shareholders were issued upon our IPO following the conversion of preferred shares that were purchased by the selling shareholders prior to the consummation of our IPO in a number of transactions exempt from registration under the Securities Act. The transactions closed on March 20, 2006, November 4, 2009, March 9, 2010, June 27, 2011, January 31, 2012, May 10, 2012, August 20, 2012, September 30, 2013 and June 27, 2014. In addition, the selling shareholders acquired a portion of their ordinary shares pursuant to the conversion upon our IPO of preferred shares acquired on August 2, 2014 upon the exercise of warrants.

The selling shareholders are expected to consist of those shareholders who have the right to include their securities in a registration or offering effected by us under the terms of our Amended and Restated Shareholders' Rights Agreement dated July 14, 2014.

DESCRIPTION OF ORDINARY SHARES

The following description of our ordinary shares is a summary and is qualified in its entirety by reference to our Second Amended and Restated Articles of Association, as amended by the First Amendment thereto, or our Articles of Association. Our Articles of Association are filed as Exhibit 3.1 to this prospectus and are incorporated by reference herein.

Share Capital

Our authorized share capital consists solely of 250,000,000 ordinary shares, par value NIS 0.01 per share, of which 12,340,578 shares were issued and outstanding as of February 22, 2016.

All of our issued and outstanding ordinary shares are validly issued, fully paid and non-assessable. Our ordinary shares are not redeemable and do not have any preemptive rights.

Voting Rights

Pursuant to our Articles of Association, holders of our ordinary shares have one vote for each ordinary share held on all matters submitted to a vote before the shareholders at a general meeting. Shareholders may vote at a general meeting either in person, by proxy or by written ballot.

Quorum requirements

The quorum required for our general meetings of shareholders consists of at least two holders of our ordinary shares present in person or by proxy and holding among them at least 33 1/3% of the total outstanding voting rights.

Vote Requirements

Our Articles of Association provide that all resolutions of our shareholders require a simple majority vote, unless otherwise required by the Israeli Companies Law or by our Articles of Association. Under the Israeli Companies Law, each of (i) the approval of an extraordinary transaction with a controlling shareholder and (ii) the terms of employment or other engagement of the controlling shareholder of the company or such controlling shareholder's relative (even if not extraordinary) requires special approval. For more information, see our Registration Statement on Form 8-A as filed with the SEC on September 2, 2014 under the heading "Item 1. Description of Registrant's Securities to be Registered." Under our Articles of Association, the alteration of the rights, privileges, preferences or obligations of any class of our shares requires the ordinary majority vote of all classes of shares voting together as a single class at a shareholder meeting. Our Articles of Association also require that the removal of any director from office (other than our external directors) or the amendment of the provisions of our amended articles relating to our staggered board requires the vote of 65% of the total voting power of our shareholders. Another exception to the simple majority vote requirement is a resolution for the voluntary winding up, or an approval of a scheme of arrangement or reorganization, of the Company pursuant to Section 350 of the Israeli Companies Law, which requires the approval of holders of 75% of the voting rights represented at the meeting, in person, by proxy or by voting deed and voting on the resolution.

Transfer of Shares; Share Ownership Restrictions

Our fully paid ordinary shares are issued in registered form and may be freely transferred under our Articles of Association, unless the transfer is restricted or prohibited by another instrument, applicable law or the rules of a stock exchange on which the shares are listed for trade. The ownership or voting of our ordinary shares by non-residents of Israel is not restricted in any way by our Articles of Association or the laws of the State of Israel, except for ownership by nationals of some countries that are, or have been, in a state of war with Israel.

Election of Directors

Our ordinary shares do not have cumulative voting rights for the election of directors. As a result, the holders of a majority of the voting power represented at a shareholders meeting have the power to elect all of our directors, subject to the special approval requirements for external directors.

Under our Articles of Association, our board of directors must consist of not less than five but no more than thirteen directors, including two external directors as required by the Israeli Companies Law. Pursuant to our Articles of Association, other than the external directors, for whom special election requirements apply under the Israeli Companies Law, the vote required to appoint a director is a simple majority vote of holders of our voting shares, participating and voting at the relevant meeting. In addition, our directors, other than the external directors, are divided into three classes that are each elected at a general meeting of our shareholders every three years, in a staggered fashion (such that one class is elected each year), and serve on our board of directors unless they are removed by a vote of 65% of the total voting power of our shareholders at a general or special meeting of our shareholders or upon the occurrence of certain events, in accordance with the Israeli Companies Law and our Articles of Association. In addition, our Articles of Association allow our board of directors to appoint new directors and appoint directors to fill vacancies on the board of directors to serve for a term of office equal to the remaining period of the term of office of the directors(s) whose office(s) have been vacated. External directors are elected for an initial term of three years, may be elected for additional terms of three years each under certain circumstances, and may be removed from office pursuant to the terms of the Israeli Companies Law.

Dividend and Liquidation Rights

We may declare a dividend to be paid to the holders of our ordinary shares in proportion to their respective shareholdings. Under the Israeli Companies Law, dividend distributions are determined by the board of directors and do not require the approval of the shareholders of a company unless the company's articles of association provide otherwise. Our Articles of Association do not require shareholder approval of a dividend distribution and provide that dividend distributions may be determined by our board of directors.

Pursuant to the Israeli Companies Law, a company may make a distribution of dividends out of its profits on the condition that there is no reasonable concern that the distribution may prevent the company from meeting its existing and expected obligations when they fall due. The Israeli Companies Law defines such profit as retained earnings or profits accrued in the last two years, whichever is greater, according to the last reviewed or audited financial statements of the company, provided that the date of the financial statements is not more than six months before the distribution.

In the event of our liquidation, after satisfaction of liabilities to creditors, our assets will be distributed to the holders of our ordinary shares in proportion to their shareholdings. This right, as well as the right to receive dividends, may be affected by the grant of preferential dividend or distribution rights to the holders of a class of shares with preferential rights that may be authorized in the future.

Exchange Controls

There are currently no Israeli currency control restrictions on payments of dividends or other distributions with respect to our ordinary shares or the proceeds from the sale of the shares, except for the obligation of Israeli residents to file reports with the Bank of Israel regarding certain transactions. However, legislation remains in effect pursuant to which currency controls can be imposed by administrative action at any time.

Shareholder Meetings

Under Israeli law, we are required to hold an annual general meeting of our shareholders once every calendar year that must be held no later than 15 months after the date of the previous annual general meeting. All meetings other than the annual general meeting of shareholders are referred to in our Articles of Association as extraordinary general meetings. Our board of directors may call extraordinary general meetings whenever it sees fit, at such time and place, within or outside of Israel, as it may determine. In addition, the Israeli Companies Law provides that our board of directors is required to convene an extraordinary general meeting upon the written request of (i) any two of our directors or one-quarter of the members of our board of directors or (ii) one or more shareholders holding, in the aggregate, either (a) five percent or more of our outstanding issued shares and one percent of our outstanding voting power or (b) five percent or more of our outstanding voting power.

Subject to the provisions of the Israeli Companies Law and the regulations promulgated thereunder, shareholders entitled to participate and vote at general meetings are the shareholders of record on a date to be decided by the board of directors, which may be between four and 40 days prior to the date of the meeting. Furthermore, the Israeli Companies Law requires that resolutions regarding the following matters be passed at a general meeting of our shareholders:

- · amendments to our Articles of Association;
- · appointment or termination of our auditors;
- · appointment of external directors;
- · approval of certain related party transactions;
- · increases or reductions of our authorized share capital;
- a merger; and
- the exercise of our board of director's powers by a general meeting, if our board of directors is unable to exercise its powers and the exercise of any of its powers is required for our proper management.

The Israeli Companies Law and our Articles of Association require that notice of any annual general meeting or extraordinary general meeting be provided to shareholders at least 21 days prior to the meeting and if the agenda of the meeting includes the appointment or removal of directors, the approval of transactions with office holders or interested or related parties, or an approval of a merger, notice must be provided at least 35 days prior to the meeting.

Under the Israeli Companies Law and under our Articles of Association, shareholders are not permitted to take action via written consent in lieu of a meeting.

Access to Corporate Records

Under the Israeli Companies Law, shareholders generally have the right to review: minutes of our general meetings; our shareholders register and principal shareholders register, our Articles of Association and annual financial statements; and any document that we are required by law to file publicly with the Israeli Companies Registrar or the Israel Securities Authority. In addition, shareholders may request to be provided with any document related to an action or transaction with a related party that requires shareholder approval under the related party transaction provisions of the Israeli Companies Law. We may deny a request to review a document if we believe it has not been made in good faith, that the document contains a trade secret or patent or that the document's disclosure may otherwise impair our interests.

Acquisitions Under Israeli Law

Full Tender Offer. A person wishing to acquire shares of an Israeli public company and who would as a result hold over 90% of the target company's issued and outstanding share capital (or of a class thereof) is required by the Israeli Companies Law to make a tender offer to all of the company's shareholders for the purchase of all of the issued and outstanding shares of the company (or the applicable class). If as a result of a full tender offer the purchaser would own more than 95% of the issued and outstanding share capital of the company or of the applicable class, and more than half of the shareholders who do not have a personal interest in the offer accept the offer, all of the shares that the acquirer offered to purchase will be transferred to the acquirer by operation of law. The law provides for appraisal rights if any shareholder files a request in court within six months following the consummation of a full tender offer, but the purchaser is entitled to stipulate that tendering shareholders forfeit their appraisal rights. If as a result of a full tender offer the purchaser would own 95% or less of the issued and outstanding share capital of the company or of the applicable class, the purchaser may not acquire shares that will cause its shareholding to exceed 90% of the issued and outstanding share capital of the company or of the applicable class.

Special Tender Offer. The Israeli Companies Law provides that an acquisition of shares of an Israeli public company must be made by means of a special tender offer if as a result of the acquisition the purchaser would become a holder of 25% or more of the voting rights in the company, unless there is already another holder of at least 25% of the voting rights in the company. Similarly, the Israeli Companies Law provides that an acquisition of shares in a public company must be made by means of a special tender offer if as a result of the acquisition the purchaser would become a holder of more than 45% of the voting rights in the company, if there is no other shareholder of the company who holds more than 45% of the voting rights in the company, subject to certain exceptions.

A special tender offer must be extended to all shareholders of a company but the offeror is not required to purchase shares representing more than 5% of the voting power attached to the company's outstanding shares, regardless of how many shares are tendered by shareholders. A special tender offer may be consummated only if (i) at least 5% of the voting power attached to the company's outstanding shares will be acquired by the offeror and (ii) the number of shares tendered in the offer exceeds the number of shares whose holders objected to the offer (excluding the purchaser, controlling shareholders, holders of 25% or more of the voting rights in the company or any person having a personal interest in the acceptance of the tender offer). If a special tender offer is accepted, then the purchaser or any person or entity controlling it or under common control with the purchaser or such controlling person or entity may not make a subsequent tender offer for the purchase of shares of the target company and may not enter into a merger with the target company for a period of one year from the date of the offer, unless the purchaser or such person or entity undertook to effect such an offer or merger in the initial special tender offer.

Merger. The Israeli Companies Law permits merger transactions if approved by each party's board of directors and, unless certain requirements described under the Israeli Companies Law are met, by a majority vote of each party's shares, and, in the case of the target company, a majority vote of each class of its shares, voted on the proposed merger at a shareholders meeting.

For purposes of the shareholder vote, unless a court rules otherwise, the merger will not be deemed approved if a majority of the votes of shares represented at the shareholders meeting that are held by parties other than the other party to the merger, or by any person (or group of persons acting in concert) who holds (or hold, as the case may be) 25% or more of the voting rights or the right to appoint directors of the other party, vote against the merger. If, however, the merger involves a merger with a company's own controlling shareholder or if the controlling shareholder has a personal interest in the merger, then the merger is instead subject to the same Special Majority approval that governs all extraordinary transactions with controlling shareholders.

If the transaction would have been approved by the shareholders of a merging company but for the separate approval of each class or the exclusion of the votes of certain shareholders as provided above, a court may still approve the merger upon the request of holders of at least 25% of the voting rights of a company, if the court holds that the merger is fair and reasonable, taking into account the value of the parties to the merger and the consideration offered to the shareholders of the company.

Upon the request of a creditor of either party to the proposed merger, the court may delay or prevent the merger if it concludes that there exists a reasonable concern that, as a result of the merger, the surviving company will be unable to satisfy the obligations of the merging entities, and may further give instructions to secure the rights of creditors.

In addition, a merger may not be consummated unless at least 50 days have passed from the date on which a proposal for approval of the merger was filed by each party with the Israeli Registrar of Companies and at least 30 days have passed from the date on which the merger was approved by the shareholders of each party.

Anti-takeover Measures Under Israeli Law

The Israeli Companies Law allows us to create and issue shares having rights different from those attached to our ordinary shares, including shares providing certain preferred rights with respect to voting, distributions or other matters and shares having preemptive rights. Upon the closing of our initial public offering, our Articles of Association were amended to provide that no preferred shares are authorized. In the future, if we do authorize, create and issue a specific class of preferred shares, such class of shares, depending on the specific rights that may be attached to it, may have the ability to frustrate or prevent a takeover or otherwise prevent our shareholders from realizing a potential premium over the market value of their ordinary shares. The authorization and designation of a class of preferred shares will require an amendment to our Articles of Association, which requires the prior approval of the holders of a majority of the voting power attaching to our issued and outstanding shares at a general meeting. The convening of the meeting, the shareholders entitled to participate and the majority vote required to be obtained at such a meeting will be subject to the requirements set forth in the Israeli Companies Law as described above in "—Voting Rights."

Transfer Agent and Registrar

The transfer agent and registrar for our ordinary shares is American Stock Transfer & Trust Company. Its address is 6201 15th Avenue, Brooklyn, New York 11219, and its telephone number is (800) 937-5449.

DESCRIPTION OF WARRANTS

We may issue warrants to purchase ordinary shares. Warrants may be issued independently or together with any other securities and may be attached to, or separate from, such securities. Each series of warrants will be issued under a separate warrant agreement to be entered into between us and a warrant agent. The warrant agent will act solely as our agent and will not assume any obligation or relationship of agency for or with holders or beneficial owners of warrants. The terms of any warrants to be issued and a description of the material provisions of the applicable warrant agreement will be set forth in the applicable prospectus supplement.

The applicable prospectus supplement will describe the following terms of any warrants in respect of which this prospectus is being delivered:

- the title of such warrants;
- the aggregate number of such warrants;
- the price or prices at which such warrants will be issued and exercised;
- the currency or currencies in which the price of such warrants will be payable;
- the securities purchasable upon exercise of such warrants;
- the date on which the right to exercise such warrants shall commence and the date on which such right shall expire;
- if applicable, the minimum or maximum amount of such warrants which may be exercised at any one time;
- if applicable, the designation and terms of the securities with which such warrants are issued and the number of such warrants issued with each such security;
- if applicable, the date on and after which such warrants and the related securities will be separately transferable;
- information with respect to book-entry procedures, if any;
- any material Israeli and United States federal income tax consequences;
- the antidilution provisions of the warrants, if any; and
- · any other terms of such warrants, including terms, procedures and limitations relating to the exchange and exercise of such warrants.

Amendments and Supplements to Warrant Agreement

We and the warrant agent may amend or supplement the warrant agreement for a series of warrants without the consent of the holders of the warrants issued thereunder to effect changes that are not inconsistent with the provisions of the warrants and that do not materially and adversely affect the interests of the holders of the warrants.

DESCRIPTION OF DEBT SECURITIES

We may issue debt securities together with other securities or separately, as described in the applicable prospectus supplement, under an indenture to be entered into between ReWalk Robotics Ltd. and the trustee identified in the applicable prospectus supplement. The terms of the debt securities will include those stated in the indenture and those made part of the indenture by reference to the Trust Indenture Act of 1939, as in effect on the date of the indenture. The indenture will be subject to and governed by the terms of the Trust Indenture Act of 1939.

We may issue the debt securities in one or more series with the same or various maturities, at par, at a premium, or at a discount. We will describe the particular terms of each series of debt securities in a prospectus supplement relating to that series, which we will file with the SEC.

The prospectus supplement will set forth, to the extent required, the following terms of the debt securities in respect of which the prospectus supplement is delivered:

- the title of the series;
- the aggregate principal amount;
- the issue price or prices, expressed as a percentage of the aggregate principal amount of the debt securities;
- any limit on the aggregate principal amount;
- · the date or dates on which principal is payable;
- the interest rate or rates (which may be fixed or variable) or, if applicable, the method used to determine such rate or rates;
- the date or dates from which interest, if any, will be payable and any regular record date for the interest payable;
- · the terms and conditions upon which we may, or the holders may require us to, redeem or repurchase the debt securities;
- the denominations in which such debt securities may be issuable, if other than denomination of \$1,000, or any integral multiple of that number;
- · whether the debt securities are to be issuable in the form of certificated debt securities or global debt securities;
- the portion of principal amount that will be payable upon declaration of acceleration of the maturity date if other than the principal amount of the debt securities;
- the currency of denomination;
- the designation of the currency, currencies or currency units in which payment of principal and, if applicable, premium and interest, will be made;
- if payments of principal and, if applicable, premium or interest, on the debt securities are to be made in one or more currencies or currency units other than the currency of denominations, the manner in which exchange rate with respect to such payments will be determined;
- if amounts of principal and, if applicable, premium and interest may be determined by reference to an index based on a currency or currencies, or by reference to a commodity, commodity index, stock exchange index, or financial index, then the manner in which such amounts will be determined;
- the provisions, if any, relating to any collateral provided for such debt securities;
- any events of default;
- the terms and conditions, if any, for conversion into or exchange for ordinary shares;
- · any depositaries, interest rate calculation agents, exchange rate calculation agents, or other agents; and
- the terms and conditions, if any, upon which the debt securities shall be subordinated in right of payment to other indebtedness of ReWalk Robotics Ltd.

One or more debt securities may be sold at a substantial discount below their stated principal amount. We may also issue debt securities in bearer form, with or without coupons. If we issue discount debt securities or debt securities in bearer form, we will describe material U.S. federal income tax considerations and other material special considerations which apply to these debt securities in the applicable prospectus supplement.

We may issue debt securities denominated in or payable in a foreign currency or currencies or a foreign currency unit or units. If we do, we will describe the restrictions, elections, and general tax considerations relating to the debt securities and the foreign currency or currencies or foreign currency unit or units in the applicable prospectus supplement.

The debt securities of a series may be issued in whole or in part in the form of one or more global securities that will be deposited with, or on behalf of, a depositary identified in the prospectus supplement. Global securities will be issued in registered form and in either temporary or definitive form. Unless and until it is exchanged in whole or in part for individual debt securities, a global security may not be transferred except as a whole by the depositary for such global security to a nominee of such depositary or by a nominee of such depositary to such depositary or another nominee of such depositary or by such depositary or any such nominee to a successor of such depositary or a nominee of such successor. The specific terms of the depositary arrangement with respect to any debt securities of a series and the rights of and limitations upon owners of beneficial interests in a global security will be described in the applicable prospectus supplement.

PLAN OF DISTRIBUTION

The securities being offered by this prospectus may be sold:

- through agents:
- · to or through one or more underwriters on a firm commitment or agency basis;
- through put or call option transactions relating to the securities;
- through broker-dealers (acting as agent or principal);
- · directly to purchasers, through a specific bidding or auction process, on a negotiated basis or otherwise;
- through any other method permitted pursuant to applicable law; or
- · through a combination of any such methods of sale.

At any time a particular offer of the securities covered by this prospectus is made, a revised prospectus or prospectus supplement, if required, will be distributed which will set forth the aggregate amount of securities covered by this prospectus being offered and the terms of the offering, including the name or names of any underwriters, dealers, brokers or agents, any discounts, commissions, concessions and other items constituting compensation from us and any discounts, commissions or concessions allowed or re-allowed or paid to dealers. Such prospectus supplement, and, if necessary, a post-effective amendment to the registration statement of which this prospectus is a part, will be filed with the SEC to reflect the disclosure of additional information with respect to the distribution of the securities covered by this prospectus. In order to comply with the securities laws of certain states, if applicable, the securities sold under this prospectus may only be sold through registered or licensed broker-dealers. In addition, in some states the securities may not be sold unless they have been registered or qualified for sale in the applicable state or an exemption from registration or qualification requirements is available and is complied with.

Any public offering price and any discounts or concessions allowed or reallowed or paid to dealers may be changed from time to time.

The distribution of securities may be effected from time to time in one or more transactions, including block transactions and transactions on the NASDAQ Stock Market or any other organized market where the securities may be traded. The securities may be sold at a fixed price or prices, which may be changed, or at market prices prevailing at the time of sale, at prices relating to the prevailing market prices or at negotiated prices. The consideration may be cash or another form negotiated by the parties. Agents, underwriters or broker-dealers may be paid compensation for offering and selling the securities. That compensation may be in the form of discounts, concessions or commissions to be received from us or from the purchasers of the securities. Any dealers and agents participating in the distribution of the securities may be deemed to be underwriters, and compensation received by them on resale of the securities may be deemed to be underwriters, they may be subject to statutory liabilities under the Securities Act.

Agents may from time to time solicit offers to purchase the securities. If required, we will name in the applicable prospectus supplement any agent involved in the offer or sale of the securities and set forth any compensation payable to the agent. Unless otherwise indicated in the prospectus supplement, any agent will be acting on a best efforts basis for the period of its appointment. Any agent selling the securities covered by this prospectus may be deemed to be an underwriter, as that term is defined in the Securities Act, of the securities.

If underwriters are used in a sale, securities will be acquired by the underwriters for their own account and may be resold from time to time in one or more transactions, including negotiated transactions, at a fixed public offering price or at varying prices determined at the time of sale, or under delayed delivery contracts or other contractual commitments. Securities may be offered to the public either through underwriting syndicates represented by one or more managing underwriters or directly by one or more firms acting as underwriters. If an underwriter or underwriters are used in the sale of securities, an underwriting agreement will be executed with the underwriter or underwriters, as well as any other underwriters or underwriters, with respect to a particular underwritten offering of securities, and will set forth the terms of the transactions, including compensation of the underwriters and dealers and the public offering price, if applicable. The prospectus and prospectus supplement will be used by the underwriters to resell the securities.

If a dealer is used in the sale of the securities, we, the selling shareholders or an underwriter will sell the securities to the dealer, as principal. The dealer may then resell the securities to the public at varying prices to be determined by the dealer at the time of resale. To the extent required, we will set forth in the prospectus supplement the name of the dealer and the terms of the transactions.

We or the selling shareholders may directly solicit offers to purchase the securities and may make sales of securities directly to institutional investors or others. These persons may be deemed to be underwriters within the meaning of the Securities Act with respect to any resale of the securities. To the extent required, the prospectus supplement will describe the terms of any such sales, including the terms of any bidding or auction process, if used.

Agents, underwriters and dealers may be entitled under agreements which may be entered into with us or the selling shareholders to indemnification by us against specified liabilities, including liabilities incurred under the Securities Act, or to contribution by us or the selling shareholders to payments they may be required to make in respect of such liabilities. If required, the prospectus supplement will describe the terms and conditions of the indemnification or contribution. Some of the agents, underwriters or dealers, or their affiliates may be customers of, engage in transactions with or perform services for us or our subsidiaries.

Under the securities laws of some jurisdictions, the securities offered by this prospectus may be sold in those jurisdictions only through registered or licensed brokers or dealers.

Any person participating in the distribution of securities registered under the registration statement that includes this prospectus will be subject to applicable provisions of the Exchange Act, and the applicable SEC rules and regulations, including, among others, Regulation M, which may limit the timing of purchases and sales of any of our securities by that person. Furthermore, Regulation M may restrict the ability of any person engaged in the distribution of our securities to engage in market-making activities with respect to our securities. These restrictions may affect the marketability of our securities and the ability of any person or entity to engage in market-making activities with respect to our securities.

Certain persons participating in an offering may engage in over-allotment, stabilizing transactions, short-covering transactions and penalty bids that stabilize, maintain or otherwise affect the price of the offered securities. These activities may maintain the price of the offered securities at levels above those that might otherwise prevail in the open market, including by entering stabilizing bids, effecting syndicate covering transactions or imposing penalty bids, each of which is described below.

- A stabilizing bid means the placing of any bid, or the effecting of any purchase, for the purpose of pegging, fixing or maintaining the price of a security.
- A syndicate covering transaction means the placing of any bid on behalf of the underwriting syndicate or the effecting of any purchase to reduce a short position created in connection with the offering.
- A penalty bid means an arrangement that permits the managing underwriter to reclaim a selling concession from a syndicate member in connection with the offering when offered securities originally sold by the syndicate member are purchased in syndicate covering transactions.

These transactions may be effected on an exchange or automated quotation system, if the securities are listed on that exchange or admitted for trading on that automated quotation system, or in the over-the-counter market or otherwise.

If so indicated in the applicable prospectus supplement, we will authorize agents, underwriters or dealers to solicit offers from certain types of institutions to purchase offered securities from us at the public offering price set forth in such prospectus supplement pursuant to delayed delivery contracts providing for payment and delivery on a specified date in the future. Such contracts will be subject only to those conditions set forth in the prospectus supplement and the prospectus supplement will set forth the commission payable for solicitation of such contracts.

In addition, ordinary shares may be issued upon conversion of or in exchange for debt securities or other securities.

Any underwriters to whom offered securities are sold for public offering and sale may make a market in such offered securities, but such underwriters will not be obligated to do so and may discontinue any market making at any time without notice. The offered securities may or may not be listed on a national securities exchange. No assurance can be given that there will be a market for the offered securities.

Any securities that qualify for sale pursuant to Rule 144 or Regulation S under the Securities Act may be sold under Rule 144 or Regulation S rather than pursuant to this prospectus.

To the extent that we or the selling shareholders make sales to or through one or more underwriters or agents in at-the-market offerings, we or the selling shareholders will do so pursuant to the terms of a distribution agreement between us or the selling shareholders and the underwriters or agents. If we engage in at-the-market sales pursuant to a distribution agreement, we or the selling shareholders will sell our ordinary shares to or through one or more underwriters or agents, which may act on an agency basis or on a principal basis. During the term of any such agreement, we or the selling shareholders may sell ordinary shares on a daily basis in exchange transactions or otherwise as we agree with the underwriters or agents. The distribution agreement will provide that any ordinary shares sold will be sold at prices related to the then prevailing market prices for our ordinary shares. Therefore, exact figures regarding proceeds that will be raised or commissions to be paid cannot be determined at this time and will be described in a prospectus supplement. Pursuant to the terms of the distribution agreement, we or the selling shareholders also may agree to sell, and the relevant underwriters or agents may agree to solicit offers to purchase, blocks of our ordinary shares or warrants. The terms of each such distribution agreement will be set forth in more detail in a prospectus supplement to this prospectus.

In the event that any underwriter or agent acts as principal, or broker-dealer acts as underwriter, it may engage in certain transactions that stabilize, maintain or otherwise affect the price of our securities. We will describe any such activities in the prospectus supplement relating to the transaction.

Offers to purchase the securities offered by this prospectus may be solicited, and sales of the securities may be made, by us or the selling shareholders directly to institutional investors or others, who may be deemed to be underwriters within the meaning of the Securities Act with respect to any re-sales of the securities. The terms of any offer made in this manner will be included in the prospectus supplement relating to the offer.

In connection with offerings made through underwriters or agents, we or the selling shareholders may enter into agreements with such underwriters or agents pursuant to which we receive our outstanding securities in consideration for the securities being offered to the public for cash. In connection with these arrangements, the underwriters or agents may also sell securities covered by this prospectus to hedge their positions in these outstanding securities, including in short sale transactions. If so, the underwriters or agents may use the securities received from us under these arrangements to close out any related open borrowings of securities.

We or the selling shareholders may enter into derivative transactions with third parties or sell securities not covered by this prospectus to third parties in privately negotiated transactions. If the applicable prospectus supplement indicates, in connection with those derivatives, such third parties (or affiliates of such third parties) may sell securities covered by this prospectus and the applicable prospectus supplement, including in short sale transactions. If so, such third parties (or affiliates of such third parties) may use securities pledged by us or borrowed from us or others to settle those sales or to close out any related open borrowings of shares, and may use securities received from us in settlement of those derivatives to close out any related open borrowings of shares. The third parties (or affiliates of such third parties) in such sale transactions will be underwriters and, if not identified in this prospectus, will be identified in the applicable prospectus supplement (or a post-effective amendment).

We or the selling shareholders may loan or pledge securities to a financial institution or other third party that in turn may sell the securities using this prospectus. Such financial institution or third party may transfer its short position to investors in our securities or in connection with a simultaneous offering of other securities offered by this prospectus.

LEGAL MATTERS

Certain legal matters with respect to Israeli law and with respect to the validity of the offered securities under Israeli law will be passed upon for us by Goldfarb Seligman & Co., Tel Aviv, Israel. Certain legal matters with respect to New York law and the validity of the offered debt securities under New York law will be passed upon for us by White & Case LLP, New York, New York.

EXPERTS

The consolidated financial statements of ReWalk Robotics Ltd. and subsidiaries incorporated by reference in this prospectus by reference to ReWalk Robotics Ltd.'s Annual Report on Form 10-K for the year ended December 31, 2015 have been audited by Kost Forer Gabbay & Kasierer, a member of Ernst & Young Global Limited, an independent registered public accounting firm, as set forth in their report therein, included therein and incorporated herein by reference. Such consolidated financial statements are incorporated by reference in reliance upon such report given on the authority of such firm as experts in accounting and auditing.

WHERE YOU CAN FIND MORE INFORMATION

We have filed with the SEC a registration statement on Form S-3 under the Securities Act with respect to the securities offered by this prospectus. However, as is permitted by the rules and regulations of the SEC, this prospectus, which is part of our registration statement on Form S-3, omits certain non-material information, exhibits, schedules and undertakings set forth in the registration statement. For further information about us and the securities offered by this prospectus, please refer to the registration statement.

We are subject to the information reporting requirements of the Exchange Act applicable to U.S. domestic issuers and, as such, file annual, quarterly and current reports, proxy statements and other information with the SEC. Prior to January 1, 2016, we were subject to the information reporting requirements of the Exchange Act applicable to foreign private issuers. As a foreign private issuer, we were exempt from the rules under the Exchange Act related to the furnishing and content of proxy statements and we were not required under the Exchange Act to file annual, quarterly and current reports and financial statements with the SEC as frequently or as promptly as U.S. companies whose securities are registered under the Exchange Act. However, we filed with the SEC an annual report on Form 20-F for the year ended December 31, 2014 containing financial statements audited by an independent registered public accounting firm, and we submitted to the SEC, on Form 6-K, unaudited quarterly financial information for the first three quarters of the fiscal year and other current reports on Form 6-K.

You may read and copy the registration statement, including the related exhibits and schedules, and any document we file or have filed with the SEC without charge at the SEC's public reference room at 100 F Street, N.E., Room 1580, Washington, D.C. 20549. You may also obtain copies of the documents at prescribed rates by writing to the Public Reference Section of the SEC at 100 F Street, N.E., Room 1580, Washington, DC 20549. Please call the SEC at 1-800-SEC-0330 for further information on the public reference room. The SEC also maintains an Internet website that contains reports and other information regarding issuers that file electronically with the SEC. Our filings with the SEC are also available to the public through the SEC's website at http://www.sec.gov.

We maintain a corporate website at <u>www.rewalk.com</u>. Information contained on, or that can be accessed through, our website does not constitute a part of this prospectus. We have included our website address in this prospectus solely as an inactive textual reference.

INCORPORATION OF CERTAIN DOCUMENTS BY REFERENCE

The SEC allows us to "incorporate by reference" information into this prospectus, which means that we can disclose important information to you by referring you to other documents which we have filed or will file with the SEC. We are incorporating by reference in this prospectus the documents listed below and all amendments or supplements we may file to such documents:

- our annual report on Form 10-K for the fiscal year ended December 31, 2015 filed with the SEC on February 29, 2016;
- our current report on Form 8-K filed with the SEC on January 13, 2016 and the information under Items 1.01 and 9.01 of our current report on Form 8-K filed with the SEC on January 4, 2016; and
- the description of our ordinary shares contained in our Registration Statement on Form 8-A (File No. 001-33612) filed with the SEC on September 2, 2014, including any subsequent amendment or any report filed for the purpose of updating such description.

In addition, we incorporate by reference into this prospectus any filings we make with the SEC pursuant to Section 13(a), 13(c), 14 or 15(d) of the Exchange Act after the date of the initial registration statement of which this prospectus is a part and prior to the effectiveness of the registration statement, and any filings we make with the SEC pursuant to Section 13(a), 13(c), 14 or 15(d) of the Exchange Act from the date of this prospectus until the termination of this offering (in each case, except for the information furnished under Item 2.02 or Item 7.01 in any current report on Form 8-K). Notwithstanding the foregoing, no information is incorporated by reference in this prospectus or any prospectus supplement hereto where such information under applicable forms and regulations of the SEC is not deemed to be "filed" under Section 18 of the Exchange Act or otherwise subject to the liabilities of that section, unless we indicate in the report or filing containing such information that the information is to be considered "filed" under the Exchange Act or is to be incorporated by reference in this prospectus or any prospectus supplement hereto.

Certain statements in and portions of this prospectus update and replace information in the above listed documents incorporated by reference. Likewise, statements in or portions of a future document incorporated by reference in this prospectus may update and replace statements in and portions of this prospectus or the above listed documents.

We will provide you without charge, upon your written or oral request, a copy of any of the documents incorporated by reference in this prospectus, other than exhibits to such documents which are not specifically incorporated by reference into such documents. Please direct your written or telephone requests to ReWalk Robotics Ltd., 33 Locke Drive, Marlborough, MA 01752, Attn: Investor Relations, or ir@rewalk.com, telephone number 508-251-1154.

ENFORCEABILITY OF CIVIL LIABILITIES

We are incorporated under the laws of the State of Israel. It may be difficult to obtain service of process within the United States upon us, upon our directors and officers, some, but less than a majority, of whom reside outside of the United States, and upon the Israeli experts named in this prospectus, who reside outside of the United States. Furthermore, because a majority of our assets and some, but less than a majority of, our directors and officers are located outside of the United States, any judgment obtained in the United States against us, certain of our directors and officers or the Israeli experts name herein may be difficult to collect within the United States.

We have been informed by our legal counsel in Israel, Goldfarb Seligman & Co., Tel Aviv, that it may be difficult to assert U.S. securities laws claims in original actions instituted in Israel. Israeli courts may refuse to hear a claim based on a violation of U.S. securities laws because Israel is not the most appropriate forum in which to bring such a claim. In addition, even if an Israeli court agrees to hear a claim, it may determine that Israeli law and not U.S. law is applicable to the claim. If U.S. law is found to be applicable, the content of applicable U.S. law must be proven as a fact which can be a time-consuming and costly process. Matters of procedure will also be governed by Israeli law.

We have irrevocably appointed our subsidiary, ReWalk Robotics, Inc., as our agent to receive service of process in any action against us in any United States federal or state court arising out of this offering or any purchase or sale of securities in connection with this offering. Subject to specified time limitations and legal procedures, Israeli courts may enforce a non-appealable foreign judgment in a civil matter, provided that, among other things:

- the judgment is obtained after due process before a court of competent jurisdiction, according to the laws of the foreign state in which the judgment is given and the rules of private international law currently prevailing in Israel;
- the prevailing law of the foreign state in which the judgment is rendered allows for the enforcement of judgments of Israeli courts;
- adequate service of process has been effected and the defendant has had a reasonable opportunity to be heard and to present his or her evidence;
- the judgment is not contrary to the public policy of Israel, and the enforcement of the civil liabilities set forth in the judgment is not likely to impair the security or sovereignty of Israel;
- the judgment was not obtained by fraud and does not conflict with any other valid judgment in the same matter between the same parties;
- an action between the same parties in the same matter was not pending in any Israeli court at the time the lawsuit was instituted in the foreign court; and
- · the judgment is enforceable according to the laws of Israel and according to the law of the foreign state in which the relief was granted.

If a foreign judgment is enforced by an Israeli court, it generally will be payable in Israeli currency, which can then be converted into non-Israeli currency and transferred out of Israel. Traditionally, in an action before an Israeli court to recover an amount in a non-Israeli currency, the Israeli court issues a judgment for the equivalent amount in Israeli currency at the rate of exchange in force on the date of the judgment, but the judgment debtor may make payment in foreign currency. Pending collection, the amount of the judgment of an Israeli court stated in Israeli currency ordinarily will be linked to the Israeli consumer price index plus a per annum statutory rate of interest set on a quarterly basis by Israeli regulations. Judgment creditors must bear the risk of unfavorable exchange rates. The trend in recent years has increasingly been for Israeli courts to enforce a foreign judgment in the foreign currency specified in the judgment, in which case there are also applicable rules regarding the payment of interest.



ReWalk Robotics Ltd.

\$100,000,000 of
Ordinary Shares,
Warrants and/or
Debt Securities
Offered by the Company
and
4,388,143 Ordinary Shares Offered by Selling Shareholders

PROSPECTUS

PART II INFORMATION NOT REQUIRED IN PROSPECTUS

Item 14. Other Expenses of Issuance and Distribution.

The following is a statement of expenses in connection with the distribution of the securities registered. All amounts shown are estimates except the SEC registration fee and the FINRA filing fee. The estimates do not include expenses related to offerings of particular securities. Each prospectus supplement describing an offering of securities will reflect the estimated expenses related to the offering of securities under that prospectus supplement.

SEC registration fee	\$ 1,982
FINRA filing fee	3,453
Legal fees and expenses	20,000
Accountants' fees and expenses	5,000
Printing fees	250
Miscellaneous	250
TOTAL	\$ 30,935

Item 15. Indemnification of Directors and Officers.

Under the Israeli Companies Law, a company may not exculpate an office holder from liability for a breach of the duty of loyalty. An Israeli company may exculpate an office holder in advance from liability to the company, in whole or in part, for damages caused to the company as a result of a breach of duty of care but only if a provision authorizing such exculpation is included in its articles of association. Our Articles of Association to include such a provision. The company may not exculpate in advance a director from liability arising out of a prohibited dividend or distribution to shareholders.

Under the Israeli Companies Law, a company may indemnify an office holder in respect of the following liabilities and expenses incurred for acts performed by him or her as an office holder, either pursuant to an undertaking made in advance of an event or following an event, provided its articles of association include a provision authorizing such indemnification:

- financial liability imposed on him or her in favor of another person pursuant to a judgment, including a settlement or arbitrator's award approved by a court. However, if an undertaking to indemnify an office holder with respect to such liability is provided in advance, then such an undertaking must be limited to events which, in the opinion of the board of directors, can be foreseen based on the company's activities when the undertaking to indemnify is given, and to an amount or according to criteria determined by the board of directors as reasonable under the circumstances, and such undertaking shall detail the abovementioned foreseen events and amount or criteria;
- reasonable litigation expenses, including attorneys' fees, incurred by the office holder (1) as a result of an investigation or proceeding instituted against him or her by an authority authorized to conduct such investigation or proceeding, provided that (i) no indictment was filed against such office holder as a result of such investigation or proceeding; and (ii) no financial liability was imposed upon him or her as a substitute for the criminal proceeding as a result of such investigation or proceeding or, if such financial liability was imposed, it was imposed with respect to an offense that does not require proof of criminal intent; and (2) in connection with a monetary sanction; and
- reasonable litigation expenses, including attorneys' fees, incurred by the office holder or imposed by a court in proceedings instituted against him or her by the company, on its behalf, or by a third party, or in connection with criminal proceedings in which the office holder was acquitted, or as a result of a conviction for an offense that does not require proof of criminal intent.

Under the Israeli Companies Law, a company may insure an office holder against the following liabilities incurred for acts performed by him or her as an office holder if and to the extent provided in the company's articles of association:

- a breach of the duty of loyalty to the company, provided that the office holder acted in good faith and had a reasonable basis to believe that the act would not harm the company;
- · a breach of duty of care to the company or to a third party, to the extent such a breach arises out of the negligent conduct of the office holder; and
- a financial liability imposed on the office holder in favor of a third party.

Under the Israeli Companies Law, a company may not indemnify, exculpate or insure an office holder against any of the following:

- a breach of the duty of loyalty, except for indemnification and insurance for a breach of the duty of loyalty to the company to the extent that the office
 holder acted in good faith and had a reasonable basis to believe that the act would not prejudice the company;
- a breach of duty of care committed intentionally or recklessly, excluding a breach arising out of the negligent conduct of the office holder;
- an act or omission committed with intent to derive illegal personal benefit; or
- a fine or forfeit levied against the office holder.

Under the Israeli Companies Law, exculpation, indemnification and insurance of office holders in a public company must be approved by the compensation committee and the board of directors and, with respect to certain office holders or under certain circumstances, also by the shareholders.

We have entered into indemnification agreements with our office holders to exculpate, indemnify and insure our office holders to the fullest extent permitted by our Articles of Association, the Israeli Companies Law and the Israeli Securities Law, 5728-1968.

We have obtained directors' and officers' liability insurance for the benefit of our office holders and intend to continue to maintain such coverage and pay all premiums thereunder to the fullest extent permitted by the Israeli Companies Law.

Item 16. Exhibits.

The index to exhibits appears below on the page immediately following the signature pages of this registration statement.

Item 17. Undertakings.

- (1) The undersigned registrant hereby undertakes:
 - a) to file, during any period in which offers or sales are being made, a post-effective amendment to this Registration Statement:
 - (i) to include any prospectus required by Section 10(a)(3) of the Securities Act;

- (ii) to reflect in the prospectus any facts or events arising after the effective date of this Registration Statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in this Registration Statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Securities and Exchange Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than a 20% change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement; and
- (iii) to include any material information with respect to the plan of distribution not previously disclosed in the Registration Statement or any material change to such information in this Registration Statement;

provided, however, that paragraphs (i), (ii) and (iii) above do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the Commission by the registrant pursuant to Section 13 or Section 15(d) of the Exchange Act that are incorporated by reference in this Registration Statement or is contained in a form of prospectus filed pursuant to Rule 424(b) that is part of the Registration Statement.

- (b) that, for the purpose of determining any liability under the Securities Act, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.
- (c) to remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.
- (d) that, for the purpose of determining any liability under the Securities Act to any purchaser:
 - (i) each prospectus filed by the registrant pursuant to Rule 424(b)(3) shall be deemed to be a part of the registration statement as of the date the filed prospectus was deemed part of and included in the registration statement; and
 - (ii) each prospectus required to be filed pursuant to Rule 424(b)(2), (b)(5) or (b)(7) as part of a registration statement in reliance on Rule 430B relating to an offering made pursuant to Rule 415(a)(1)(i), (vii) or (x) for the purpose of providing the information required by Section 10(a) of the Securities Act shall be deemed to be part of and included in the registration statement as of the earlier of the date such form of prospectus is first used after effectiveness or the date of the first contract of sale of securities in the offering described in the prospectus. As provided in Rule 430B, for liability purposes of the issuer and any person that is at that date an underwriter, such date shall be deemed to be a new effective date of the registration statement relating to the securities in the registration statement to which the prospectus relates, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof; provided, however, that no statement made in a registration statement or prospectus that is part of the registration statement will, as to a purchaser with a time of contract of sale prior to such effective date, supersede or modify any statement that was made in the registration statement or prospectus that was part of the registration statement or made in any such document immediately prior to such effective date.
- (e) that, for the purpose of determining liability of a registrant under the Securities Act to any purchaser in the initial distribution of the securities, the undersigned registrant undertakes that in a primary offering of securities of the undersigned registrant pursuant to this registration statement, regardless of the underwriting method used to sell the securities to the purchaser, if the securities are offered or sold to such purchaser by means of any of the following communications, the undersigned registrant will be a seller to the purchaser and will be considered to offer or sell such securities to such purchaser:
 - (i) any preliminary prospectus or prospectus of the undersigned registrant to the offering required to be filed pursuant to Rule 424;
 - (ii) any free writing prospectus relating to the offering prepared by or on behalf of the undersigned registrant or used or referred to by an undersigned registrant;
 - (iii) the portion of any other free writing prospectus relating to the offering containing material information about the undersigned registrant or its securities provided by or on behalf of the undersigned registrant; and

- (iv) any other communication that is an offer in the offering made by the undersigned registrant to the purchaser.
- (2) The undersigned registrant hereby undertakes that, for purposes of determining any liability under the Securities Act, each filing of the registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act) that is incorporated by reference in this Registration Statement shall be deemed to be a new registration statement relating to the securities offered herein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.
- (3) Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers and controlling persons of the registrant pursuant to the provisions referred to in Item 15, or otherwise, the registrant has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or controlling person of the registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.
- (4) The undersigned registrant hereby undertakes that, for purposes of determining any liability under the Securities Act, the information omitted from the form of prospectus filed as part of this Registration Statement in reliance upon Rule 430A and contained in a form of prospectus filed by the registrant pursuant to Rule 424(b)(1) or (4) or 497(h) under the Securities Act shall be deemed to be part of this Registration Statement as of the time it was declared effective.
- (5) The undersigned registrant hereby undertakes that, for the purpose of determining any liability under the Securities Act, each post-effective amendment that contains a form of prospectus shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.
- (6) The undersigned registrant hereby undertakes to file an application for the purpose of determining the eligibility of the trustee to act under subsection (a) of section 310 of the Trust Indenture Act ("Act") in accordance with the rules and regulations prescribed by the Commission under section 305(b)(2) of the Act.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-3 and has duly caused this amended registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in Marlborough, Massachusetts on this 26th day of April, 2016.

REWALK ROBOTICS LTD.

By: /s/ Kevin Hershberger

Name: Kevin Hershberger Title: Chief Financial Officer

Pursuant to the requirements of the Securities Act of 1933, as amended, this registration statement has been signed by the following persons in the capacities and on the dates indicated:

Signature	Title of Capacities	Date
/s/ Larry Jasinski	Director and Chief Executive Officer	April 26, 2016
Larry Jasinski	(Principal Executive Officer)	
/s/ Kevin Hershberger	Chief Financial Officer	April 26, 2016
Kevin Hershberger	(Principal Financial Officer and Principal Accounting Officer)	•
*	Chairman of the Board	April 26, 2016
Jeff Dykan		
*	Director	April 26, 2016
Wayne B. Weisman		
*	Director	April 26, 2016
Yasushi Ichiki		
*	Director	April 26, 2016
Aryeh Dan		
*	Director	April 26, 2016
Glenn Muir		
*	Director	April 26, 2016
Dr. John William Poduska		

*		Director		April 26, 2016
Debora	nh DiSanzo			
* Jay Ka	lish	Director		April 26, 2016
* By:	/s/ Kevin Hershberger Name: Kevin Hershberger, as Attorne	y-in-Fact		April 26, 2016
REWA	ALK ROBOTICS INC.		Authorized Representative in the United States	
By:	/s/ Kevin Hershberger Name: Kevin Hershberger Title: Chief Financial Officer			April 26, 2016

EXHIBIT INDEX

Exhibit No.	Document
1.1	Form of Underwriting Agreement. ⁽¹⁾
3.1	Second Amended and Restated Articles of Association of the Registrant, as amended by the First Amendment thereto (incorporated by reference to Exhibit 3.1 of the Annual Report on Form 10-K filed with the SEC on February 29, 2016).
4.1	Form of Indenture relating to debt securities (incorporated by reference to Exhibit 4.1 of the Registration Statement on Form F-3 (File No. 333-207219) filed with the SEC on October 1, 2015).
4.2	Specimen share certificate (incorporated by reference to Exhibit 4.1 of the Registration Statement on Form F-1 (File No. 333-197344) filed with the SEC on August 20, 2014).
4.3	Form of Warrant Agreement. ⁽¹⁾
4.4	Form of Warrant Certificate. (1)
4.5	Form of Debt Security. ⁽¹⁾
5.1	Opinion of Goldfarb Seligman & Co., Israeli counsel to the Registrant, as to the validity of the ordinary shares (including consent). (3)
5.2	Opinion of White & Case LLP, U.S. counsel to the registrant, as to the validity of the debt securities (including consent). (3)
12.1	Statement regarding the computation of consolidated ratio of earnings to fixed charges. (3)
23.1	Consent of Kost Forer Gabbay & Kasierer, a member of Ernst & Young Global Limited.
23.2	Consent of Goldfarb Seligman & Co. (included in Exhibit 5.1). (3)
23.3	Consent of White & Case LLP (included in Exhibit 5.2). (3)
24.1	Powers of Attorney (included in signature page to this Registration Statement). (3)
25.1	Statement of Eligibility of Trustee Under Indenture. (2)

⁽¹⁾ To be filed as an exhibit to a post-effective amendment to this registration statement or as an exhibit to a report on Form 8-K and incorporated herein by reference.

⁽²⁾ Where applicable, to be incorporated by referenced to a subsequent filing in accordance with Section 305(b)(2) of the Trust Indenture Act of 1939, as amended.

⁽³⁾ Previously filed.

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We consent to the reference to our firm under the caption "Experts" in this pre-effective amendment no. 1 to the registration statement on Form S-3 and related prospectus of ReWalk Robotics Ltd. for the registration of ordinary shares, par value NIS 0.01 per share, warrants and debt securities and to the incorporation by reference therein of our report dated February 29, 2016, with respect to the consolidated financial statements of ReWalk Robotics Ltd. and its subsidiaries included in ReWalk Robotics Ltd.'s Annual Report on Form 10-K for the year ended December 31, 2015, filed with the Securities and Exchange Commission.

Haifa, Israel April 26, 2016 /s/ Kost Forer Gabbay & Kasierer KOST, FORER, GABBAY & KASIERER A Member of EY Global